

**PATENT APPLICATION TRANSMITTAL LETTER**  
(Small Entity)

Docket No.  
14594

TO THE COMMISSIONER FOR PATENTS

Transmitted herewith for filing under 35 U.S.C. 111 and 37 C.F.R. 1.53 is the patent application of:

**STEVEN E. HILL**

For: **BROADBAND OPTICAL PUMP SOURCE FOR OPTICAL AMPLIFIERS, PLANAR OPTICAL AMPLIFIERS, PLANAR OPTICAL CIRCUITS AND PLANAR OPTICAL LASERS FABRICATED USING GROUP IV SEMICONDUCTOR NANOCRYSTALS**

Enclosed are:

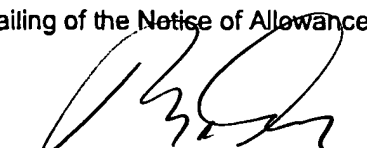
- ☐ Certificate of Mailing with Express Mail Mailing Label No.  
☒ 3 sheets of drawings.  
☐ A certified copy of a application.  
☒ Declaration ☒ Signed. ☐ Unsigned.  
☒ Power of Attorney  
☐ Information Disclosure Statement  
☐ Preliminary Amendment  
☐ Verified Statement(s) to Establish Small Entity Status Under 37 C.F.R. 1.9 and 1.27.  
☒ Other: AR Card

**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	33	- 20 =	13	x \$9.00	\$117.00
Indep. Claims	6	- 3 =	3	x \$43.00	\$129.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$385.00
TOTAL FILING FEE					\$631.00

- ☐ A check in the amount of to cover the filing fee is enclosed.  
☒ The Director is hereby authorized to charge and credit Deposit Account No. 19-2550 as described below.  
☒ Charge the amount of \$631.00 as filing fee.  
☒ Credit any overpayment.  
☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.  
☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: January 22, 2004

  
Signature  
**Ralph A. Dowell**  
(26,868)

CUSTOMER NO. 000293

cc: